

JAVA.LANG.PACKAGE CLASS

http://www.tutorialspoint.com/java/lang/java_lang_package.htm

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Introduction

The **java.lang.Package** class contain version information about the implementation and specification of a Java package

Class declaration

Following is the declaration for **java.lang.Package** class:

```
public class Package
    extends Object
    implements AnnotatedElement
```

Class methods

S.N.	Method & Description
1	<u><A extends Annotation> A getAnnotation(Class<A> annotationClass)</u> This method returns this element's annotation for the specified type if such an annotation is present, else null.
2	<u>Annotation[] getAnnotations()</u> This method returns all annotations present on this element.
3	<u>Annotation[] getDeclaredAnnotations()</u> This method returns all annotations that are directly present on this element.
4	<u>String getImplementationTitle()</u> This method return the title of this package.
5	<u>String getImplementationVendor()</u> This method returns the name of the organization, vendor or company that provided this implementation.
6	<u>String getImplementationVersion()</u> This method return the version of this implementation.
7	<u>String getName()</u> This method return the name of this package.
8	<u>static Package getPackage(String name)</u> This method find a package by name in the callers ClassLoader instance.
9	<u>static Package[] getPackages()</u> This method get all the packages currently known for the caller's ClassLoader instance.
10	<u>String getSpecificationTitle()</u> This method return the title of the specification that this package implements.
11	<u>String getSpecificationVendor()</u> This method return the name of the organization, vendor, or company that owns and maintains the specification of the classes that implement this package.

12	<u>String getSpecificationVersion()</u> This method returns the version number of the specification that this package implements.
13	<u>int hashCode()</u> This method return the hash code computed from the package name.
14	<u>boolean isAnnotationPresent(Class<? extends Annotation> annotationClass)</u> This method returns true if an annotation for the specified type is present on this element, else false.
15	<u>boolean isCompatibleWith(String desired)</u> This method compare this package's specification version with a desired version.
16	<u>boolean isSealed()</u> This method returns true if this package is sealed.
17	<u>boolean isSealed(URL url)</u> This method returns true if this package is sealed with respect to the specified code source url.
18	<u>String toString()</u> This method returns the string representation of this Package.

Methods inherited

This class inherits methods from the following classes:

- java.lang.Object